

20070509.ba v04_n049.bam.20070509

>From ???@??? Wed May 9 11:22:05 2007 -0500
Date: Wed, 9 May 2007 16:20:38 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4049
Message-Id: <20070509162040.2418A47016E@srvr1.theporch.com>

BOATANCHORS Digest 4049

Topics covered in this issue include:

- 1) Manual wanted for HP 5315A counter
by Scott Robinson <spr@earthlink.net>
- 2) RE: Manual wanted for HP 5315A counter
by "Art Lebermann" <artleb@earthlink.net>
- 3) A Better Mousetrap
by "James C. Garland" <4cx250b@muohio.edu>
- 4) RE: A Better Mousetrap
by "Grant Youngman" <nq5t@tx.rr.com>
- 5) Old style pots
by "eug4not" <eug4not@bentongue.com>
- 6) Re: A Better Mousetrap
by Ben Hall <kd5byb@bellsouth.net>
- 7) re-invernted wheel / 32V LV/Fil xfrm
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 8) Re: Old style pots
by "Arden Allen" <gumbear@pacbell.net>
- 9) EICO Model Need help
by W6cds@aol.com
- 10) Schematic for Kenwood R-600 Receiver.
by "Ken" <n5cm@rtconline.com>
- 11) Tecraft 6 meters
by "Roger Dillon" <rdillontx1@tx.rr.com>
- 12) Re: Tecraft 6 meters
by "Roger Dillon" <rdillontx1@tx.rr.com>
- 13) Re: A Better Mousetrap
by "Paul H. Anderson" <paul@pdq.com>
- 14) Re: Old style pots
by wb3fau@att.net
- 15) Re: A Better Mousetrap
by Larry McDavid <lmcdavid@lmceng.com>
- 16) RE: A Better Mousetrap
by "Ed Sieb" <esieb@sympatico.ca>
- 17) OK You Sea-Coast Guys.....
by "David Stinson" <arc5@ix.netcom.com>
- 18) Re: Old style pots

- by "Arden Allen" <gumbear@pacbell.net>
- 19) RE: A Better Mousetrap
by john <johnmb@nc.rr.com>
 - 20) Alexanderson Plaque Comes Home
by Richard Dillman <ddillman@igc.org>
 - 21) Cravings
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
 - 22) Testing SWR on 6 and 2 meters with Heath bridges
by "David Thompson" <thompson@mindspring.com>
 - 23) Old style pots
by John Sehring <jsehring@siouxvalley.net>
 - 24) Reviewers of my article
by John Sehring <jsehring@siouxvalley.net>

Mime-Version: 1.0
Message-Id: <p06240806c2637bdd3882@[192.168.1.2]>
Date: Sun, 6 May 2007 05:35:59 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Manual wanted for HP 5315A counter
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Folks,

Title says most of it. I can buy one for \$35 but mostly just need the schematic. Can anyone help?

Counter will be used for BA and antique radio repair.

Peace,

Scott

Message-ID: <380-2200750605231312@earthlink.net>
From: "Art Lebermann" <artleb@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Manual wanted for HP 5315A counter
Date: Sat, 5 May 2007 17:52:31 -0700
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Scott....

I may have a manual. I'll check at work on Monday.

ART

> [Original Message]
> From: Scott Robinson <spr@earthlink.net>
> To: Old Tube Radios <boatanchors@theporch.com>
> Date: 5/5/2007 5:36:45 PM
> Subject: Manual wanted for HP 5315A counter
>
> Folks,
>
> Title says most of it. I can buy one for \$35 but mostly just need the
> schematic. Can anyone help?
>
> Counter will be used for BA and antique radio repair.
>
> Peace,
>
> Scott

Message-Id: <7.0.1.0.2.20070505190722.024613e0@muohio.edu>
Date: Sat, 05 May 2007 19:36:55 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: A Better Mousetrap
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
I was sorting through a box of long-discontinued germanium transistors the other day, and complained to a friend (Jerry, K8RA) what a pain it was to try and find out the specs and pinouts on them. Some were unmarked, so I had to resort to using a VOM to try and figure out if they were PNP or NPN. Jerry said, "What you need is an M3 Semiconductor Analyzer." It's the greatest thing since sliced bread."

I'd never heard of M-Cubed, but I looked up their website, read the specs and shelled out \$67 for their Semiconductor Analyzer kit. It came yesterday, and I wired it up this afternoon. Jerry was right: it really is the greatest thing since sliced bread. This little gadget is a bit larger than a deck of cards. It has one control -- an on/off toggle switch. It also has a backlighted LCD display, and a three different-colored little clip leads.

Here are the instructions. Connect the clip leads to a transistor, diode, J-FET, MOSFET, unijunction transistor, SCR, thyristor, or triac, in any order. That's it. Nothing else to do. The display then

reads out everything you want to know about the device being tested. I tried it out on one of my unmarked transistors and it told me that it was an NPN Ge transistor, that the pinout was E-B-C, that the reverse leakage current was 5.5 uA, that the gain Hfe was 31, and that the base-emitter turnon voltage Vbe was .28V.

Hook an unmarked diode up to two of the leads and it will tell you whether it is a Si, Ge, or Schottky diode, the forward voltage drop (at specified currents), the reverse leakage, and which lead is the anode and which is the cathode. For FETs, it shows everything you could want to know: P-channel or N-channel, pinchoff voltage, gain, etc.

If a device is bad, it will tell you what the problem is. For example if a junction is shorted, it will tell you which pins are shorted and what the resistance.

The kit took me about two hours to wire up, but that's because I was trying (unsuccessfully) to work the BS7 DXpedition at the same time. There's an 11 page user manual that's actually a nice little tutorial on semiconductor parameters. This little gizmo is never going to stray far from my workbench.

Why am I posting this? Because I think ingenuity and creativity need to be rewarded. This little company is run by some very clever people. They've got good ideas and they pay attention to details. I hope they sell a million of their testers.. Their website is <http://www.m3electronix.com/sa.html>

73,

Jim Garland W8ZR

P.S. I also bought one of their frequency counter/ power meter kits, which Jerry tells me is equally amazing. After I wire it up I'll let you know what I think.

James C. Garland
102 Spur Ranch Road
Santa Fe, NM 87540
www.w8zr.net

From: "Grant Youngman" <nq5t@tx.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: A Better Mousetrap
Date: Sat, 5 May 2007 22:52:40 -0500

Message-ID: <000701c78f92\$000cbb20\$6401a8c0@GYGateway>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

> Why am I posting this? Because I think ingenuity and creativity need
> to be rewarded. This little company is run by some very clever
> people. They've got good ideas and they pay attention to details. I
> hope they sell a million of their testers..

Well, they just sold one more :-)

He other items look mighty enticing, too. Let us know how that
counter/power meter works.

Grant/NQ5T

From: "eug4not" <eug4not@bentongue.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 06 May 2007 06:58:25 -0400
MIME-Version: 1.0
Subject: Old style pots
Message-ID: <463D7C91.24385.30A658@eug4not.bentongue.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi folks,

I think the pot with the shiny contact band was made by CRL, a popular
manufacturer of
pots in the 30's, 40's and beyond. CRL stands for Central Radio Laboratories. They
usually
printed their emblem, the letters CRL enclosed in a diamond shape, somewhere on
the pot.

Ben Tongue

Message-ID: <463DDCB9.6010300@bellsouth.net>
Date: Sun, 06 May 2007 08:48:41 -0500
From: Ben Hall <kd5byb@bellsouth.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: A Better Mousetrap

Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Make that two more. I've got quite the collection of old transistors with the same problems that Jim has. This little device will get a lot of those old late-BA-era transistors out of their little bins and into equipment.

Almost bought the power meter too, but figured I'd wait for reports on it...

Grant Youngman wrote:

> Well, they just sold one more :-)
>
> He other items look mighty enticing, too. Let us know how that
> counter/power meter works.

Thanks and 73,
ben, kd5byb

--

Thanks and 73,
Ben, KD5BYB

Date: Sun, 6 May 2007 10:46:53 -0400 (EDT)
From: stuck in 50s <polepeeg@aaa4rm.ba-watch.org>
Message-Id: <200705061446.146Ekr2Q015784@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: re-invernted wheel / 32V LV/Fil xfrm

Seem about 80% of that xfrm output is filaments & shud LV go to ground,
bye-bye expensive xfrm

So took a tube base & seriesed 1N4007 pair for each 5Z4 plate & then seriesed
a 250ma fuse in return to former-filament.

So if a diode blows, a fuse goes too. If B+ goes to gnd,
both fuses go.

Have never seen this on screen so's I thot I'd pass it along

I can here the "ohj no-sss, not that again"

Marty the 'rm

Message-ID: <003701c79010\$f7a80a50\$29e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Old style pots
Date: Sun, 6 May 2007 11:56:46 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>CRL stands for Central Radio Laboratories.

Later known as Centralab. Now sold off. Electroswitch took over and is maintaining some of their open frame rotary switch line.

Arden Allen
KB6NAX

From: W6cds@aol.com
Message-ID: <c18.11da28df.336fadc9@aol.com>
Date: Sun, 6 May 2007 18:16:41 EDT
Subject: EICO Model Need help
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1178489801"

-----1178489801
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have an EICO Model 1020 Transistorized Power Supply that is missing it's power Transformer. Anyone have a schematic or know what the voltage rating was on the power transformer? Thanks, w6cds Charles

***** See what's free at <http://www.aol.com>.

-----1178489801
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *

* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----1178489801--

Message-ID: <001601c79046\$d9860d20\$6b9c1f45@rtconline.com>
From: "Ken" <n5cm@rtconline.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Schematic for Kenwood R-600 Receiver.
Date: Sun, 6 May 2007 18:27:16 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Does anyone have a schematic for the Kenwood R-600 Receiver?
And possible a manual?
Any help appreciated! Take care,

Ken N5CM

Message-ID: <5FEE5E0BE46742CC8A0EE6015E161AAC@rogerPC>
From: "Roger Dillon" <rdillontx1@tx.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tecraft 6 meters
Date: Sun, 6 May 2007 20:52:37 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_000E_01C79020.7ABBCDF0"

This is a multi-part message in MIME format.

-----_NextPart_000_000E_01C79020.7ABBCDF0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Is there a Tecraft guru on the list? The executor of Mike Hopkins =
estate would like to talk to him.

73

Roger
N5PGH

-----=_NextPart_000_000E_01C79020.7ABBCDF0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_000E_01C79020.7ABBCDF0--

Message-ID: <91C9FC7B2AF04B4FB52A0989FA640114@rogerPC>
From: "Roger Dillon" <rdillontx1@tx.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Tecraft 6 meters
Date: Sun, 6 May 2007 21:13:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=response
Content-Transfer-Encoding: 7bit

Mike became a silent key about June, 2005.
73
Roger
N5PGH

----- Original Message -----
From: "Steve Berg" <wa9jml@tbc.net>
To: <rdillontx1@tx.rr.com>
Sent: Sunday, May 06, 2007 9:05 PM
Subject: Re: Tecraft 6 meters

> What happened to Mike? I have not heard from him for quite a while, but
> I have also not been all that active on the lists, either.
>
> Steve WA9JML

Date: Mon, 7 May 2007 10:37:00 -0400 (EDT)

From: "Paul H. Anderson" <paul@pdq.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: A Better Mousetrap
Message-ID: <alpine.BSF.0.98.0705071035380.70591@pdq.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; format=flowed; charset=us-ascii

And another! I'm extremely interested in hearing if folks have any luck with this unit for in-circuit tests. I bought it not caring, but that'd turn out to be a huge plus for switching power supply repair.

Paul

On Sun, 6 May 2007, Ben Hall wrote:

> Make that two more. I've got quite the collection of old transistors with
> the same problems that Jim has. This little device will get a lot of those
> old late-BA-era transistors out of their little bins and into equipment.
>
> Almost bought the power meter too, but figured I'd wait for reports on it...
>
> Grant Youngman wrote:
>> Well, they just sold one more :-)
>> He other items look mighty enticing, too. Let us know how that
>> counter/power meter works.
>
> Thanks and 73,
> ben, kd5byb

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "eug4not" <eug4not@bentongue.com>
Subject: Re: Old style pots
Date: Mon, 07 May 2007 14:40:46 +0000
Message-Id:
<050720071440.19986.463F3A6E0000069BF00004E1221603762239A0E00CC0D99@att.net>

he said it was a CTS pot, which stands for Chicago Telephone System- probably the same thing?

Message-ID: <463F3D21.3050808@lmceng.com>
Date: Mon, 07 May 2007 07:52:17 -0700
From: Larry McDavid <lmcdavid@lmceng.com>
MIME-Version: 1.0

CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: A Better Mousetrap
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

And yet another! Never underestimate the power of a single... email. :)

M3 will undoubtedly wonder what caused this spike in orders!

Larry W6FUB

Paul H. Anderson wrote:
> And another!...

>> Make that two more.

>> Grant Youngman wrote:
>>> Well, they just sold one more ...

--
Best wishes,

Larry McDavid W6FUB
Anaheim, CA (20 miles southeast of Los Angeles, near Disneyland)

From: "Ed Sieb" <esieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: A Better Mousetrap
Date: Mon, 7 May 2007 11:27:45 -0400
Message-ID: <NIBBKNOPFNLAGHLELMPLMEALLPAA.esieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup, count me in as well. Very interesting unit, and his Digital LCRZ Meter meter looks good too!

Ed, VA3ES

-----Original Message-----
From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of Larry McDavid
Sent: Monday, May 07, 2007 10:52 AM

To: Old Tube Radios
Cc: Old Tube Radios
Subject: Re: A Better Mousetrap

And yet another! Never underestimate the power of a single... email. :)

M3 will undoubtedly wonder what caused this spike in orders!

Larry W6FUB

Paul H. Anderson wrote:

> And another!...

>> Make that two more.

>> Grant Youngman wrote:

>>> Well, they just sold one more ...

--

Best wishes,

Larry McDavid W6FUB

Anaheim, CA (20 miles southeast of Los Angeles, near Disneyland)

Message-ID: <000701c790e1\$5b985620\$0202a8c0@262u1>

From: "David Stinson" <arc5@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: OK You Sea-Coast Guys.....

Date: Mon, 7 May 2007 14:53:17 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Anyone know where I can find the service manual,
programming hard/software,
or even just the 5-pin microphone pin-out,
for the Motorola Triton 40S Marine HF SSB transceiver?
Surely there's one in the back of a dusty filing cabinet
at some Marine Radio service outfit.
Thanks,
D.S.

"Blog:" A toxic waste dump where humans gather
to drain the septic sludge
that accumulates between their ears.

Message-ID: <004e01c790e6\$sc1f07e70\$b9e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "eug4not" <eug4not@bentongue.com>
Subject: Re: Old style pots
Date: Mon, 7 May 2007 13:26:17 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> he said it was a CTS pot, which stands for Chicago Telephone System-
probably the same thing?

Probably not. CRL and CTS were separate companies. The CRL name is now
defunct while CTS still survives. Their pots were always different with no
parts interchangeability between brands.

Arden Allen
KB6NAX

Message-Id: <6.2.1.2.2.20070507171655.0386acd0@pop-server.nc.rr.com>
Date: Mon, 07 May 2007 17:17:16 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: RE: A Better Mousetrap
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The transistor analyzer is quite a deal.... works great!

john k5mo

At 11:27 AM 5/7/2007, Ed Sieb wrote:

>Yup, count me in as well. Very interesting unit, and his Digital LCRZ Meter
>meter looks good too!

>

>Ed, VA3ES

>
>-----Original Message-----
>From: owner-boatanchors@theporch.com
>[mailto:owner-boatanchors@theporch.com]On Behalf Of Larry McDavid
>Sent: Monday, May 07, 2007 10:52 AM
>To: Old Tube Radios
>Cc: Old Tube Radios
>Subject: Re: A Better Mousetrap
>
>
>And yet another! Never underestimate the power of a single... email. :)
>
>M3 will undoubtedly wonder what caused this spike in orders!
>
>Larry W6FUB
>
>
>
>Paul H. Anderson wrote:
> > And another!...
>
> >> Make that two more.
>
> >> Grant Youngman wrote:
> >>> Well, they just sold one more ...
>
>--
>Best wishes,
>
>Larry McDavid W6FUB
>Anaheim, CA (20 miles southeast of Los Angeles, near Disneyland)

Message-ID: <33178197.1178596871063.JavaMail.root@mswamui-bichon.atl.sa.earthlink.net>
Date: Mon, 7 May 2007 21:01:11 -0700 (GMT-07:00)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Alexanderson Plaque Comes Home
Cc: info@alexander.n.se
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Those who have been following the work of the Maritime Radio Historical Society (MRHS) know that what we now call the KPH transmitter site in Bolinas, CA was established by the American Marconi Company in 1913. The objective was not marine

communications but trans-Pacific point-to-point contact with the cities the Pacific rim.

The first transmitter at Building 1 in Bolinas was the standard Marconi Co. rotary spark gap. But when the Radio Corporation of America absorbed the assets of the American Marconi Co. after WWI they replaced the rotary with two Alexanderson alternators of 200kW each. In his famous book "My San Francisco Story of the Waterfront and the Wireless" Richard Johnstone refers to the station as Bolinas High Power. And indeed it was. The long wave voice of these wonderful machines was heard across the ocean, day and night.

When I arrived at the Bolinas site in 1972 I remember seeing a large copper plaque on the side of Building 1 proudly proclaiming that Alexanderson alternators dwelled within. The alternators were of course long gone by then. But on my second visit the plaque was gone. Only the threaded studs of its mounting remained, as they do today.

Since it was clear that the plaque had been carefully removed I hoped that it was in the hands of a collector who understood its importance. I hoped too that some day that plaque would surface and be returned to its home.

That day happened when an email arrived from Steve Kushman of the California Historical Radio Society. He informed me that the plaque was in the possession of History San Jose museum. Monica Tucker of that museum graciously offered the plaque to the MRHS. Today it was delivered to my San Francisco office. It will soon be back at the Bolinas transmitter site... excuse me, at Bolinas High Power.

The plaque measures 3ft x 2ft and is massively heavy. It took two of us to move it from the delivery vehicle to my office. The inscription reads:

This Station Was Designed and Constructed
by the
Radio Corporation of America
The 200 K.W. High Frequency Alexanderson Generating
Equipment was Manufactured and Installed
By the General Electric Company
The General Engineering and Construction Work
Was Performed by the
J.C. White Engineering Corporation
1920

Clearly, this was a time when people and corporations were proud of what they did and wanted the world to know of their works.

See photos of the plaque and of Building 1 (with an Alexanderson helix base in the foreground) at:

<http://www.radiomarine.org/Alexanderson/>

Please join us in welcoming this historic artifact home after its long absence.

VY 73,

Richard Dillman
MRHS

Date: Tue, 8 May 2007 08:32:58 -0400 (EDT)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200705081232.148CWwvg022944@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: tubelore@jeffnet.org
Subject: Cravings

Five's charm:

- Data on 1943 JAN tube called SEP-220. Almost sure same as ZB-120. Bet my lost Sibley book would have it. ZB-120 was Dutch Amperex & in '43, p/o axis. So think beaut was re-id'd to pretend a courtroom difference - sure there's a story there.
- Service manuel for APG-5 gun director radarlette
- Final tank coil set for Collins 30K1 tx
- 2.1-3mc command tx calib. xtal. Holder is 6J5 can w. top pull-knob. Usually split between range-ends, so guess 2.55mc
- 0.1% of the Bill & Melinda Gates trust

Sincerely,

Marty the aa4rm

Message-ID: <005d01c79190\$ac827f20\$dc0c9a04@yourxb2x7j77gn>
From: "David Thompson" <thompson@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Testing SWR on 6 and 2 meters with Heath bridges
Date: Tue, 8 May 2007 12:48:00 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have both a Heath AM-2 and later HM-15. They are both set for 50 ohms rather than 72 ohms. I compared the result on 6 meters using a Clegg Thor 6 on 50.4 with a 4el Comet beam and all said the SWR was 1.6 on 50.4. In fact the relative power was much better on both the Heaths. I used a Yaesu YS-60 and even a Welz 122. All were almost exactly the same. The HM-15 read 1.55.

I don't have anything that will read SWR on 2 meters but I tried all three (added the Welz) with my 45 watt FM transceiver to a ISOPOLE and got 1.3 on both Heaths and the Welz read 1.5.

Any reason why the Heaths would not read SWR somewhat correctly on 6 and 2? They are a 50 ohm in and out with a 50 ohm bridge.

Dave K4JRB

Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0
From: John Sehring <jsehring@siouxvalley.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Old style pots
Content-Type: text/plain
Message-Id: <20070509154709.BC1132D5BD2@filter6.e-filtering.net>
Date: Wed, 9 May 2007 09:47:09 -0600 (MDT)

Tnx vy much for useful feedback on the old-style pots. Now I know how to restore 'em to non-scratchyness (not to be confused with Steven Colbert's "truthiness!").

I continue to be amazed (really shouldn't be!) at the experience found on this list.

--John Sehring WB0EQ/VE6

Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0
From: John Sehring <jsehring@siouxvalley.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Reviewers of my article
Content-Type: text/plain
Message-Id: <20070509154338.65FDA35A022@filter6.e-filtering.net>
Date: Wed, 9 May 2007 09:43:38 -0600 (MDT)

I'd like to thank those of you who were willing to review my article on modified Amplitude Modulation transmitting. Extra eyes & brains always make for a better piece of writing. I very much appreciate the wisdom AND a willingness to share that on this list. It's a great culture.

The article's been accepted by Electric Radio. Editor tells me it's in the sked for pub. a few months from now. Yipee! :)

--John Sehring WB0EQ/VE6

End of BOATANCHORS Digest 4049
